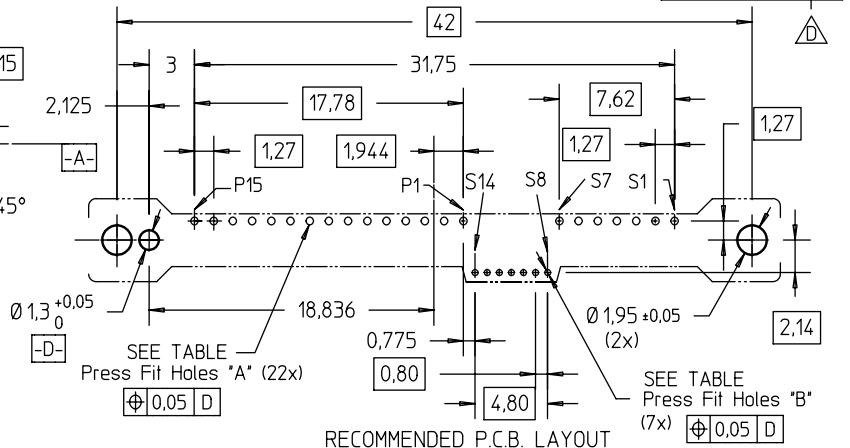
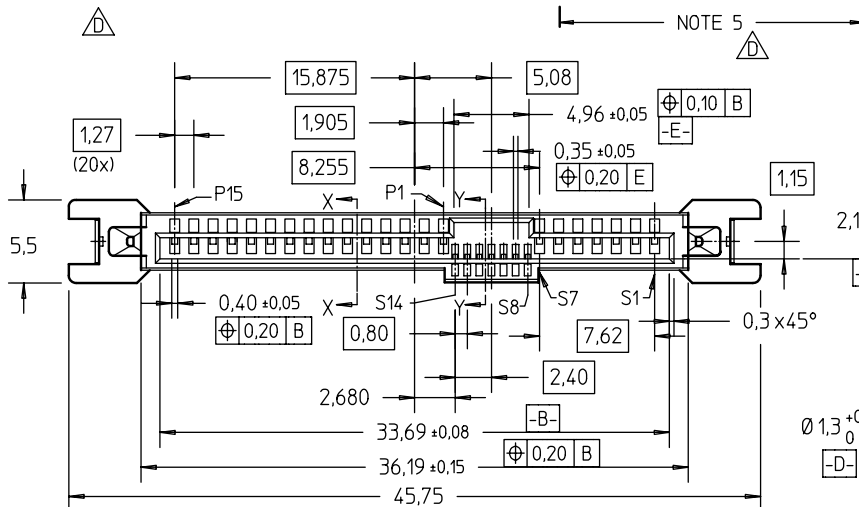


PRODUCT NO	DIM L	DIM M	PLATING	RECOMMENDED P.C. BOARD THICKNESS	PRODUCT NO	PLATING
10031077-001LF	2.70	3.41	NOTE 2	1.57mm (0.062") / 2.36mm (0.093")	10031077-001	NOTE 5
10031077-011LF	3.70	3.41		2.36mm (0.093")	10031077-011	

Hole	A	B	REMARK
Hole Diameter after plating	0.45 - 0.55 mm	0.35 - 0.45 mm	FOR -XXX & -XXXLF
Drilled hole	0.58 - 0.62 mm	0.50 - 0.51 mm	
Copper plating	25 - 50 um	25 - 50 um	FOR -XXXLF ONLY
Sn plating	5 - 15 um	5 - 15 um	FOR -XXX ONLY
Sn-Pd plating	5 - 15 um	5 - 15 um	FOR -XXX ONLY



RECOMMENDED P.C.B. LAYOUT

SEC X-X

SEC Y-Y

NOTES :

- 1 MATERIAL:
- 1) HOUSING : HIGH TEMP. THERMOPLASTIC, UL 94V-0 COLOR : BLACK
 - 2) TERMINAL : COPPER ALLOY
 - 3) HOLD DOWN : COPPER ALLOY
- 2 FINISH : FOR XXXXXXXX-XXXLF
- 1) TERMINAL : 30u" Au PLATING (CONTACT POINT) OVER 50u" MIN NICKEL
 - 2) SOLDER TAIL : 20u" MIN -60u" MAX TIN OVER 50u" MIN NICKEL
 - 3) HOLD DOWN : 50u" MIN TIN OVER 50u" MIN NICKEL
- 3 TRUE POSITION NOTES APPLY AT (L= 2.70MM) TERMINAL TIP
- 4 PER SFF REV 1.1 EXCEPT 0.8mm PITCH BUMP AREA.
- 5 FINISH : FOR XXXXXXXX-XXX
- 1) TERMINAL : 30u" Au PLATING (CONTACT POINT) OVER 50u" MIN NICKEL
 - 2) SOLDER TAIL : 20u" MIN -60u" MAX TIN-LEAD OVER 50u" MIN NICKEL
 - 3) HOLD DOWN : 50u" MIN TIN-LEAD OVER 50u" MIN NICKEL

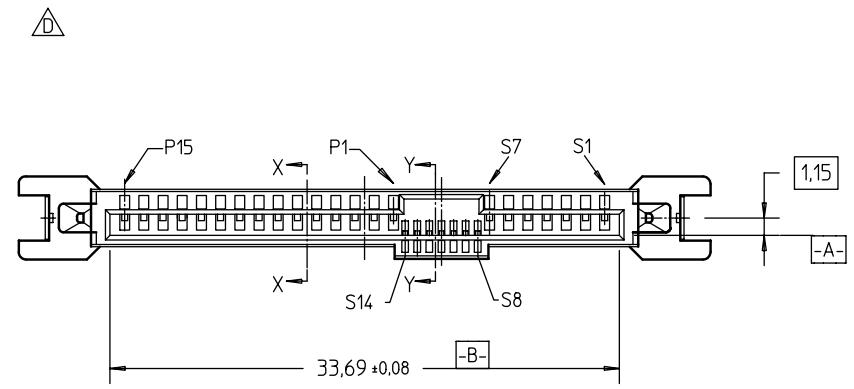
mat'l code		surface ISO 1302		tolerance ISO 406 ISO 1101		projection		product family	
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm		SAS	
A	S04-0130	GLL	2004-09-23	angles	linear	= ±0.20		title	
B	S05-0026	GLL	2005-02-14	± 2°		scale 2 : 1		SAS RECEPTACLE VERTICAL PF TYPE ASSY	
C	S06-0281	GLL	2006-08-28	dr	GL L00	2004-09-23		dwg no	
D	S09-0215	GLL	2009-07-21	enrg	GL L00	2004-09-23		sheet 1 of 2 size	
				chr	GL L00	2009-07-21		10031077	
				appd	JOEY NG	2009-07-21		type CUSTOMER Drawing	
sheet index	revision sheet	D	D						
		1	2						

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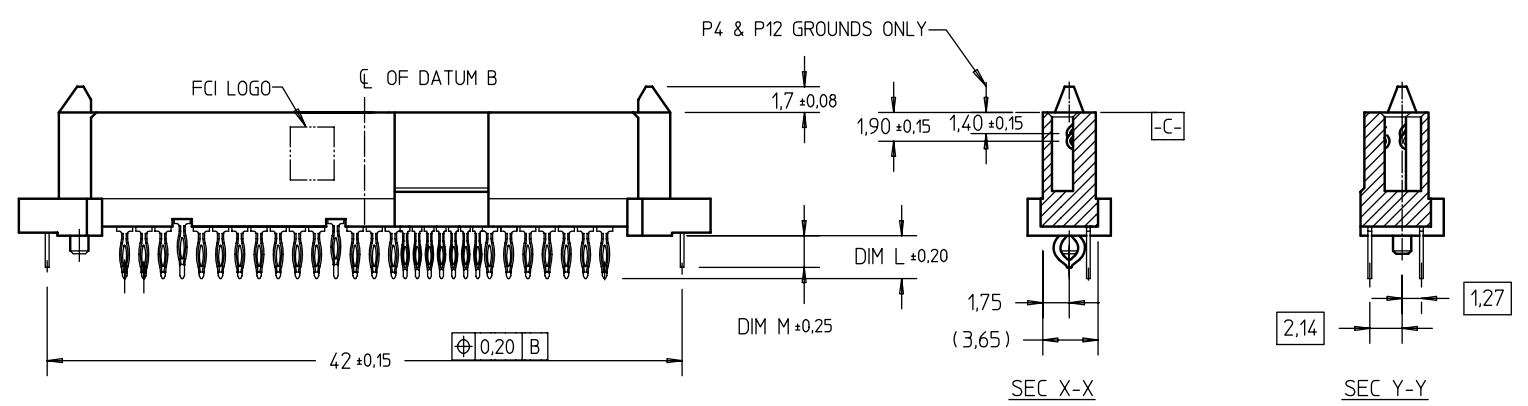
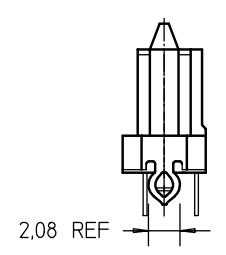


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PRODUCT NO	DIM L	DIM M	PLATING	RECOMMENDED P.C. BOARD THICKNESS
10031077-003LF	2.70	2.10	NOTE 2	1.57mm (0.062") / 2.36mm (0.093")



- NOTES:
- 6 THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
 - 7 THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
 - 8 PART NUMBERS ENDING IN "LF" MEANS FOR NOTE 7 LEAD FREE IDENTIFICATION. P/N XXXXXXXX-XXXLF IS EQUIVALENT TO PREVIOUS P/N XXXXXXXX-XXX- \triangle
 - \triangle 9 NOTE 7 AND 8 DO NOT APPLY TO TIN LEAD PLATING P/N XXXXXXXX-XXX IN TABLE.
 - 10 THE STD PACKAGING IS IN TRAY
 - 11 A \triangle SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION



NOTES :
ALL OTHER DIMENSIONS, REFER TO SHEET 1.

mat'l. code		surface	tolerance	projection	product family
ISO 1302		ISO 406	ISO 1101		SAS
ltr	ecn no	dr	date	title	
D				SAS RECEPTACLE VERTICAL PF TYPE ASSY	
angles				mm	scale 2:1
linear				= ±0.20	
± 2°					
dr	GL	L00	2004-09-23	dwg no	sheet 2 of 2 size
enr	GL	L00	2004-09-23	10031077	A4
chr	GL	L00	2009-07-21	type	CUSTOMER Drawing
appd	JOEY	NG	2009-07-21		
sheet index	revision sheet	1			